



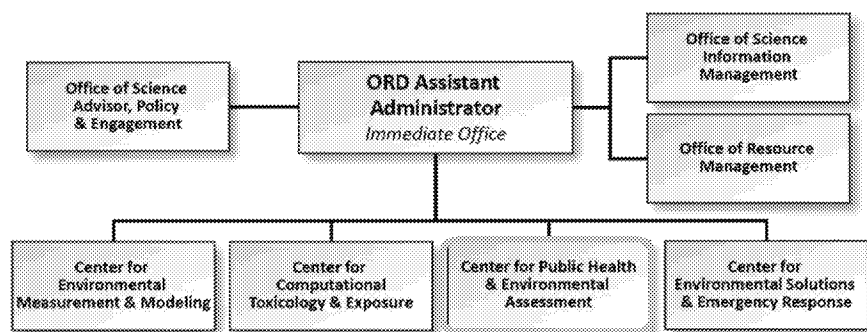
FY2021 Call for Nomination of Chemicals for Developing or Updating IRIS Assessments

Informational Briefing

March 23, 2021



ORD's Center for Public Health and Environmental Assessment



PPRTV
Provisional Peer Review Toxicity Values

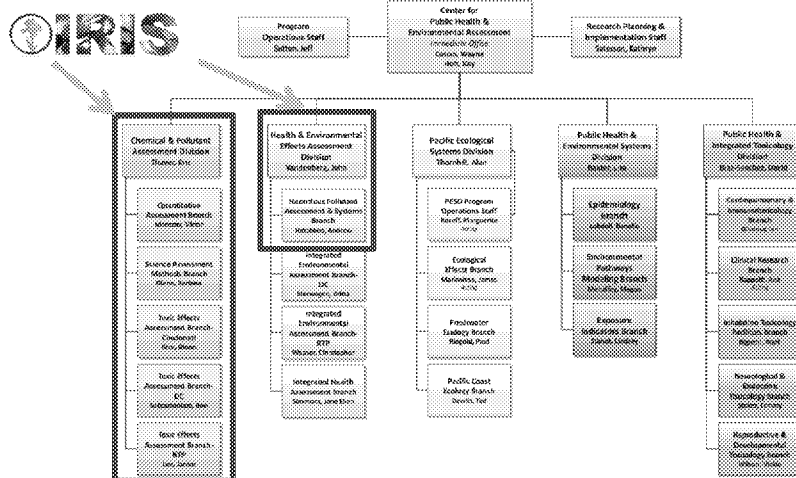


Technical
Support





IRIS Program housed in ORD's Center for Public Health and Environmental Assessment (CPHEA)

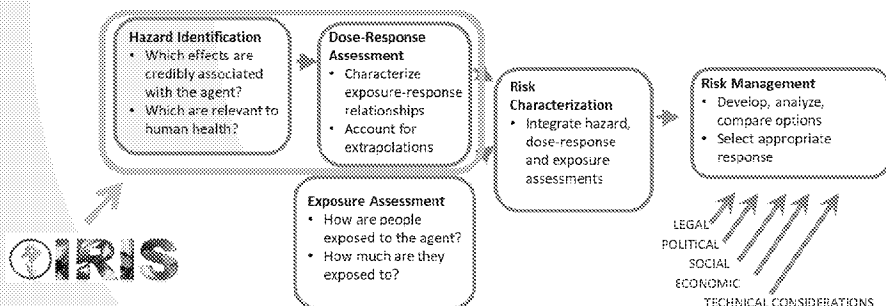




About the IRIS Assessments

IRIS assessments are systematic reviews of publicly available scientific studies on environmental agents, with 2 outputs:

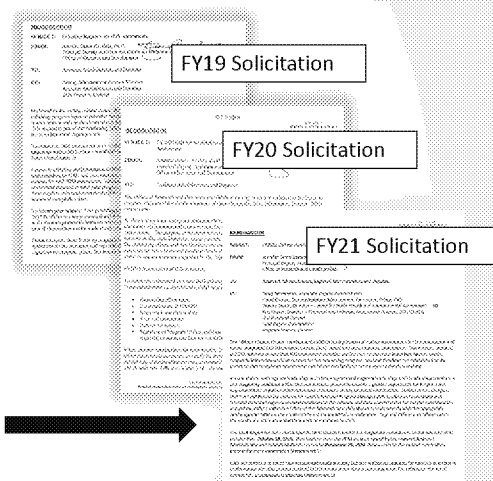
1. Describe the nature of hazardous effects
2. Estimate the concentrations associated with those effects deemed hazardous





Background on the IRIS Nomination Process

- From 2018-2020, ORD executed an annual nomination process for new IRIS chemicals assessments.
- In September 2020, ORD issued a call for IRIS assessments for FY21. ORD received 3 nominations, but none were formally approved. ORD did not complete this nomination cycle.
 - Naphthalene, Ethylbenzene, PAH mixtures.
- Issues were highlighted by Government Accountability Office (GAO) and internal partners regarding this process.
- In March 2021, ORD reissued the FY2021 Call for Nomination of Chemicals for Developing or Updating IRIS Assessments.





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Ex. 5 Deliberative Process (DP)



List of Ongoing IRIS Assessments

	Ongoing IRIS Assessments	CASRN
1	<u>Arsenic, Inorganic (iAs)</u>	7440-38-2
2	<u>tert-Butyl Alcohol (tBA)</u>	75-65-0
3	<u>Chloroform</u>	67-66-3
4	<u>Chromium VI (CrVI)</u>	18540-29-9
5	<u>Ethyl Tertiary Butyl Ether (ETBE)</u>	637-92-3
6	<u>Formaldehyde</u>	50-00-0
7	<u>Mercury Salts, Inorganic</u>	Various
8	<u>Methylmercury (MeHg)</u>	22967-92-6

	Ongoing IRIS Assessments	CASRN
9	<u>Perfluorobutanoic Acid (PFBA)</u>	375-22-4
10	<u>Perfluorodecanoic Acid (PFDA)</u>	335-76-2
11	<u>Perfluorohexanesulfonate (PFHxS)</u>	355-46-4
12	<u>Perfluorohexanoic Acid (PFHxA)</u>	307-24-4
13	<u>Perfluorononanoic Acid (PFNA)</u>	375-95-1
14	<u>Polychlorinated Biphenyls (PCBs)</u>	1336-36-3
15	<u>Vanadium and Compounds (Oral)</u>	Various
16	<u>Vanadium and Compounds (Inhalation)</u>	Various

- **The IRIS Program is currently developing 16 chemical assessments.** For more information on the timeline of these ongoing assessments, see most recent [IRIS Program Outlook](#).
- **As noted in the March 11 Memo, the IRIS Formaldehyde Assessment has been unsuspended.** The IRIS Program is currently assessing the project timeline for completion.



Future Nomination Process

- The IRIS Program is working to revise the nomination process for chemical assessment needs for FY22 and beyond.
- Since 2017, ORD has transitioned to a fit-for-purpose model developing a range of assessment products to address Agency needs.
 - E.g., Systematic Evidence Maps (SEMS), Rapid Assessment Products, Review and Consultations on Topics Related to Human Health Risk Assessments, PPRTVs assessments, IRIS assessments
- The future nomination process will look to identify a broad range of health assessment needs and how ORD can meet those needs.
- We will engage with Program and Regional partners over 2021 to discuss the 2022 nomination process



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